

RUNE

Appl. No. 09/638,858

June 14, 2004

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 9, line 19, and extending to page 9, line 32 as follows:

91 In the situation in Fig. 2, for example, utilization of the present invention has three implications. The first implication is that radio network controller (RNC) 24₂ stores the signaling network address of radio network controller (RNC) 24₃, since radio network controller (RNC) 24₂ needs the address of radio network controller (RNC) 24₃ since URA₅ has cells also in radio network controller (RNC) 24₃. However, radio network controller (RNC) 24₂ does not need to store the signaling network address of radio network controller (RNC) 24₁ (since none of the URAs within radio network controller (RNC) 24₂ has cells in radio network controller (RNC) 24₁). A second implication is that radio network controller (RNC) 24₃ stores the signaling network address of radio network controller (RNC) 24₂ (radio network controller (RNC) 24₃ needs this since the URA₅ has cells also in radio network controller (RNC) 24₂). As a third implication, radio network controller (RNC) 24₁ does not need to store the signaling network address of any other RNC (the URAs 1 and 2 exists only in radio network controller (RNC) 24₁).

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Please amend the paragraph beginning at page 10, line 14, and extending to page 10, line 29 as follows:

Q2 Fig. 5 shows a situation in which a UE is moving from URA₆ to URA₅ (as indicated by arrow 5-1), necessitating a URA Update. Fig. 6 shows a sequence of messaging for the scenario of Fig. 5, including both a URA Update Request message 6-2 sent from the DRNC (radio network controller (RNC) 24₃) to the SRNC (radio network controller (RNC) 24₁), and a URA Update Response message 6-2 sent from radio network controller (RNC) 24₁ to radio network controller (RNC) 24₃. In the sequence in Fig. 6, the DRNC sends to the SRNC, as URA Update Request message 6-2, the following information: (1) its own signaling network address (or an abstract identity representing the signaling network address); and (2) the signaling network address (or an abstract identity representing the signaling network address) of radio network controller (RNC) 24₂. The transmission of the signaling network address of radio network controller (RNC) 24₂ is necessary since the UE is now in a URA that includes cells in both radio network controller (RNC) 24₃ and radio network controller (RNC) 24₂. Upon receipt of the information of URA Update Request message 6-2, the SRNC can (if needed) page the UE within the entirety of URA₅, including cell C_{2,5} controlled by radio network controller (RNC) 24₂.